

US EPA ARCHIVE DOCUMENT

Community IPM 2014-2015



- Major investments and activities in school, housing and childcare programs.
- Some efforts in other environments.

Schools

Childcare

Higher Ed

Residential

Public/low housing

Tribal housing

Medical

Municipal Hospitality Industry

Migrant worker housing

Shelters

Retail

Entertainment

Community IPM?



- Housing crisis.
- Critically important bed bug working group established in the west.
- Tribes and Territories report lack of pesticide safety training for applicators.
- Variety of new resources in the way of books, video, outreach materials.

Who is involved, and what are the top priorities?

1. Schools: SLA, U/E, EPA Regions
2. Childcare: U/E ★
3. Higher Ed: U/E ★
4. Residential: U/E ★
5. Public/low housing: U/E ★
6. Tribal housing: SLA, U/E
7. Medical: SLA ★
8. Municipal: U/E ★
9. Hospitality Industry: SLA, Dept. Health, U/E
10. Migrant worker housing: SLA, U/E
11. Shelters:
12. Retail: SLA ★
13. Entertainment: U/E ★

Lack of on-site
training, rodents, bed

Lack of staff
Poor practices, poor

Bed bugs, lack of
Bed bugs, poor pest

Poor pest
management
practices, bed bugs

Who is involved, and what are the top priorities?



- Bed bugs are a top priority problem in 12 / 13 environments (+ transportation, eldercare facilities).
- Pesticide **abuse** referenced in low income housing specifically.
- 16.7% people bitten by bed bugs required medical treatment (Gouge *et al.* 2015)



What are people doing?



**Schools
get the
most**

- General public outreach
- Technical support upon request
- Structured and targeted education – classroom style
- Structured and targeted training – experiential learning practicum style
- Site auditing and IPM improvement recommendation guidance
- Comprehensive implementation facilitation
- Facilitation of peer mentoring
- Compliance assistance/enforcement
- Training for certification and continual education



**School IPM Center
of Expertise**

National School IPM 2020 Network



Western
Region
School IPM
Working
Group

- Dawn H. Gouge
- Carrie R. Foss
- Tim Stock
- Deb Young

Southern
Region
School IPM
Working
Group

- Janet Hurley
- Fudd Graham

North East
Regional
School IPM
Working
Group

- Lynn Braband
- Kathy Murray

North
Central
Regional
School IPM
Working
Group

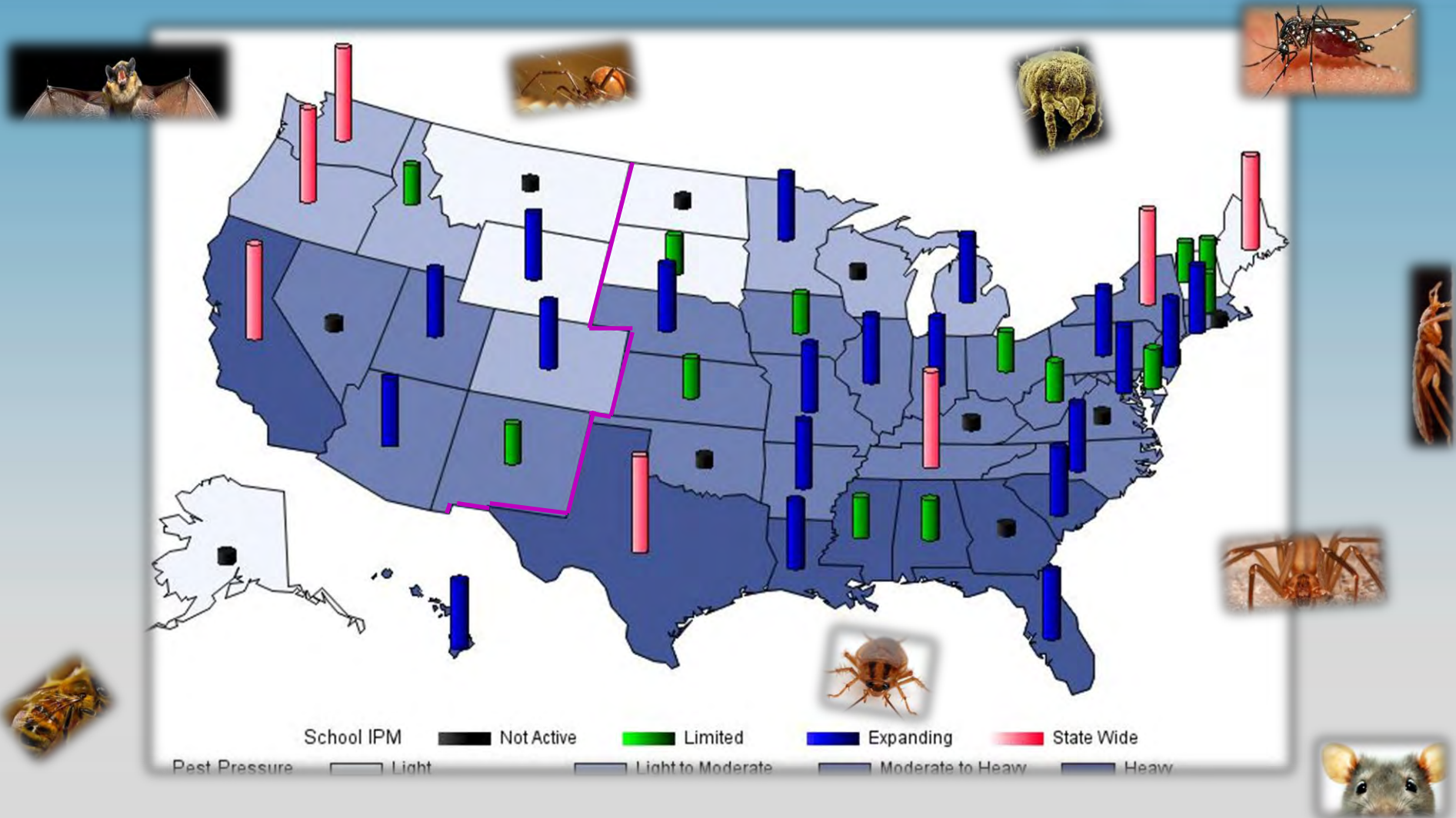
- Tom Green

NIFA IPM Centers

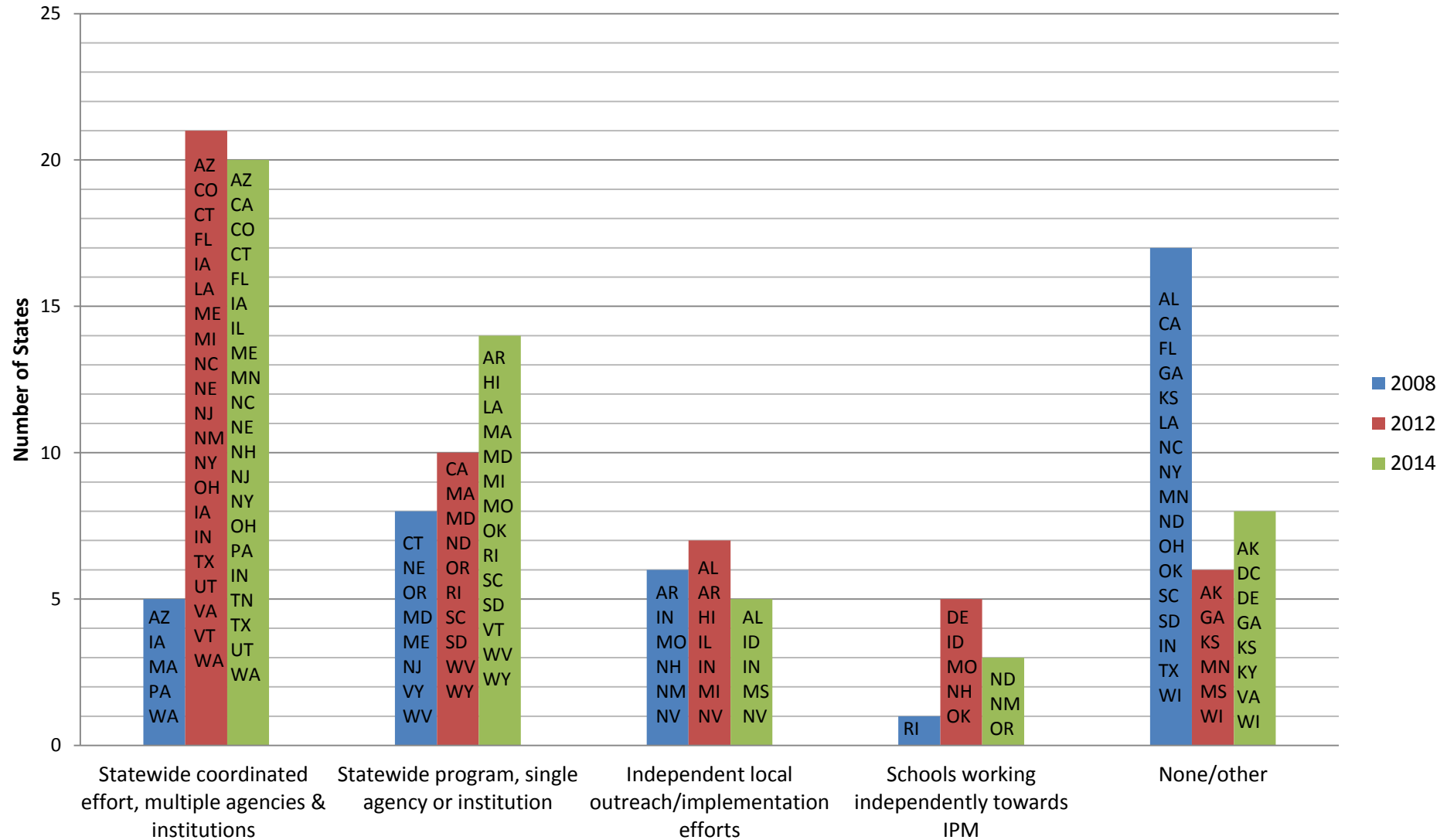


School IPM activity and pest pressure

– state-based change agents



2008, 2012 & 2014 State Report Card and State-Based Change Agent Input



Are we empowered to implement IPM in our schools?



- Can we do it? (self efficacy)
- Will the process work? (response efficacy)
- Are **We** autonomously motivated by the positive consequences?



Are **We** motivated?



- Competent
 - Education & Training & Coordination

- Accept feedback

Education 

- Allow programmatic evolution
(translational research will
advance)

Training 

Coordination 

School IPM 2014-2015?



- WA pilot site for statewide school IPM.
- School IPM Pest Management Strategic Plan.
- NPMA alignment on school IPM standards.
- School related pesticide application legislation increasing nationally.
- Reduction in change agent workforce.